

## **ABSTRACT**

### **COMPOSITIONS AND METHODS FOR USING UMBILICAL CORD PROGENITOR CELLS IN THE TREATMENT OF MYOCARDIAL INFARCTION**

The present invention provides compositions and methods for treating circulatory disorders, for treating myocardial infarctions, for producing cardiac muscle cells, and for treating injured tissue in an individual. More particularly, the present invention provides methods of treating circulatory disorders by administering an effective amount of a composition comprising an umbilical cord blood cell. In one embodiment, the circulatory disorder is myocardial infarction.

Attorney Docket: 20657-0022

Document Number: 1038776.3